

File 347: JAPIO Dec 1976-2010/Oct (Updated 110127)

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File 350: Derwent WPIX 1963-2011/UD=201112

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Set	Items	Description
S1	24763	COMPIL???
S2	2026	S1(5N) (OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT- IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR U- PGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CU- STOMI? OR CUSTOMDESIGN? OR BESPOKE?)
S3	637336	CODE OR CODES OR CODING OR PROGRAMCOD? OR SOURCECOD? OR MI- CROCOD? OR CODEBASE? OR CODESTRING? OR OPCODE? OR BYTECOD?
S4	125467	S3(5N) (GENERAT? OR CREAT??? OR PRODUCE? ? OR PRODUCING OR - PRODUCTION OR DERIV? OR SPAWN? OR OUTPUT? OR PROPAGAT? OR DEV- ELOP?)
S5	26322	S3(5N) (OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT- IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR U- PGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CU- STOMI? OR CUSTOMDESIGN? OR BESPOKE?)
S6	15553	BENCHMARK? OR BENCH() (MARK OR MARKS OR MARKED OR MARKING? - ?) OR (TEST OR TESTS OR TESTED OR TESTING) (2W) SEQUENCE? OR TR- AIN??? (2N) (SET OR SETS OR SEQUENCE? ?)
S7	55842	(COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUT? OR CONV- OLUT?) (5N) (ORDER??? OR ORGANI? OR SEQUENTIAL? OR INCREAS? OR - INCREMENT? OR ELEVAT? OR ESCALAT? OR HIGHER OR GREATER OR SUP- ERIOR? OR RAIS??? OR RISE? ? OR RISING OR ASCENS? OR ASCEND? - OR GROW??? OR HIERARCH? OR LEVEL? ? OR LAYER? ? OR STRATA OR - STRATUM? OR TIER? ? OR ECHELON? OR MULTILEVEL? OR MULTILAYER? OR MULTISTRAT? OR MULTITIER? OR MULTIECHELON?)
S8	34287	(OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPTIM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFIC- AC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR UPGRAD- OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CUSTOMI? - OR CUSTOMDESIGN? OR BESPOKE?) (5N) (HEURISTIC? OR STRATEG? OR P- LAN OR PLANS OR OPTION? OR RULE OR RULES OR RULETABLE? OR RUL- ESTABLE? OR RULEENGINE? OR RULESENGINE? OR RULEBASE? OR RULES- BASE? OR RULESET? OR GROUNDRULE? OR PROTOCOL? OR POLICY? OR P- OLICIES OR PREDICATE? ?)
S9	2601	GENETIC (3N) (PROGRAM? OR ALGORITHM?)
S10	7819	MORE (1W) (COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUT? OR CONVOLUT?)
S11	23	S6(50N) (S7 OR S10)
S12	1	S11 AND S2
S13	1	S11 AND S4:S5
S14	0	S11 AND S9
S15	1	S11 AND S8
S16	1	S12:S15
S17	104	(S7 OR S10) (50N) S5
S18	43	S17 AND (S2 OR S4 OR S6 OR S8:S9)
S19	43	S18 NOT S16
S20	15	S19 AND PY=1963:2004
S21	22	S19 AND AY=1963:2004 AND AC=US
S22	23	S20:S21

File 348: EUROPEAN PATENTS 1978-201107

(c) 2011 European Patent Office

File 349: PCT FULLTEXT 1979-2011/UB=20110217/UT=20110210

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Set	Items	Description
S1	58268	COMPIL???
S2	2543	S1(5N) (OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT-

IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR UPGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CUSTOMI? OR CUSTOMDESIGN? OR BESPOKE?)

S3 533586 CODE OR CODES OR CODING OR PROGRAMCOD? OR SOURCECOD? OR MICROCOC? OR CODEBASE? OR CODESTRING? OR OPCODE? OR BYTECOD?

S4 112659 S3(5N) (GENERAT? OR CREAT??? OR PRODUCE? ? OR PRODUCING OR - PRODUCTION OR DERIV? OR SPAWN? OR OUTPUT? OR PROPAGAT? OR DEV- ELOP??)

S5 44749 S3(5N) (OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT- IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR UPGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CUSTOMI? OR CUSTOMDESIGN? OR BESPOKE?)

S6 33323 BENCHMARK? OR BENCH() (MARK OR MARKS OR MARKED OR MARKING? - ?) OR (TEST OR TESTS OR TESTED OR TESTING) (2W) SEQUENCE? OR TR- AIN??? (2N) (SET OR SETS OR SEQUENCE? ?)

S7 155937 (COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUT? OR CONV- OLUT?) (5N) (ORDER??? OR ORGANI? OR SEQUENTIAL? OR INCREAS? OR - INCREMENT? OR ELEVAT? OR ESCALAT? OR HIGHER OR GREATER OR SUP- ERIOR? OR RAIS??? OR RISE? ? OR RISING OR ASCENS? OR ASCEND? - OR GROW??? OR HIERARCH? OR LEVEL? ? OR LAYER? ? OR STRATA OR - STRATUM? OR TIER? ? OR ECHELON? OR MULTILEVEL? OR MULTILAYER? OR MULTISTRAT? OR MULTITIER? OR MULTIECHELON?)

S8 109452 (OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPTIM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFIC- AC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR UPGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CUSTOMI? - OR CUSTOMDESIGN? OR BESPOKE?) (5N) (HEURISTIC? OR STRATEG? OR P- LAN OR PLANS OR OPTION? OR RULE OR RULES OR RULETABLE? OR RUL- ESTABLE? OR RULEENGINE? OR RULESENGINE? OR RULEBASE? OR RULES- BASE? OR RULESET? OR GROUNDRULE? OR PROTOCOL? OR POLICY? OR P- OLICIES OR PREDICATE? ?)

S9 5684 GENETIC(3N) (PROGRAM? OR ALGORITHM?)

S10 126558 MORE(1W) (COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUT? OR CONVOLUT?)

S11 496 S6(50N) (S7 OR S10)

S12 1 S11(100N) S2

S13 24 S11(100N) (S4:S5 OR S8:S9)

S14 985 (S7 OR S10) (50N) S5

S15 254 S14(100N) (S2 OR S4 OR S6 OR S8:S9)

S16 33599 IC=(G06F-009 OR G06F-0009)

S17 42 S15 AND S16

S18 67 S12:S13 OR S17

S19 43 S18 AND FY=1963:2004

S20 48 S18 AND (AC=US OR AC=US/PR) AND AY=1963:2004

S21 52 S19:S20

S22 52 IDPAT (sorted in duplicate/non-duplicate order)

S23 52 IDPAT (primary/non-duplicate records only)

File 6:NTIS 1964-2011/Feb W3

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File 2:INSPEC 1898-2011/Feb W2

(c) 2011 The IET

File 8:EI Compendex(R) 1884-2011/Feb W3

(c) 2011 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2011/Feb W2

(c) 2011 The Thomson Corp

File 35:Dissertation Abs Online 1861-2011/Jan

(c) 2011 ProQuest Info&Learning

File 56:Computer and Information Systems Abstracts 1966-2011/Feb

(c) 2011 CSA.

File 60:ANTE: Abstracts in New Tech & Engineer 1966-2011/Feb

(c) 2011 CSA.

File 65: Inside Conferences 1993-2011/Feb 23
 (c) 2011 BLDSC all rts. reserv.
 File 95:TEME-Technology & Management 1989-2010/Oct W3
 (c) 2010 FIZ TECHNIK
 File 99:Wilson Appl. Sci & Tech Abs 1983-2011/Jun
 (c) 2011 The HW Wilson Co.
 File 144:Pascal 1973-2011/Feb W2
 (c) 2011 INIST/CNRS
 File 256:TecTrends 1982-2011/Feb W2
 (c) 2011 Info.Sources Inc. All rights res.
 File 266:FEDRIP 2011/Dec
 Comp & dist by NTIS, Intl Copyright All Rights Res
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp

Set	Items	Description
S1	195923	COMPIL???
S2	24850	S1(5N) (OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT- IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIENT? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR U- PGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CU- STOMI? OR CUSTOMDESIGN? OR BESPOKE?)
S3	1644882	CODE OR CODES OR CODING OR PROGRAMCOD? OR SOURCECOD? OR MI- CRCOD? OR CODEBASE? OR CODESTRING? OR OPCODE? OR BYTECOD?
S4	197850	S3(5N) (GENERAT? OR CREAT??? OR PRODUCE? ? OR PRODUCING OR - PRODUCTION OR DERIV? OR SPAN? OR OUTPUT? OR PROPAGAT? OR DEV- ELOP??)
S5	163532	S3(5N) (OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT- IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIENT? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR U- PGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CU- STOMI? OR CUSTOMDESIGN? OR BESPOKE?)
S6	301958	BENCHMARK? OR BENCH() (MARK OR MARKS OR MARKED OR MARKING? - ?) OR (TEST OR TESTS OR TESTED OR TESTING) (2W) SEQUENCE? OR TR- AIN??? (2N) (SET OR SETS OR SEQUENCE? ?)
S7	619125	(COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUT? OR CONV- OLUT?) (5N) (ORDER??? OR ORGANI? OR SEQUENTIAL? OR INCREASE? OR - INCREMENT? OR ELEVAT? OR ESCALAT? OR HIGHER OR GREATER OR SUPER- IOR? OR RAIS??? OR RISE? ? OR RISING OR ASCENS? OR ASCEND? - OR GROW??? OR HIERARCH? OR LEVEL? ? OR LAYER? ? OR STRATA OR - STRATUM? OR TIER? ? OR ECHELON? OR MULTILEVEL? OR MULTILAYER? OR MULTISTRAT? OR MULTITIER? OR MULTIECHELON?)
S8	673933	(OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPTIM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIENT? OR EFFIC- AC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR UPGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CUSTOMI? OR CUSTOMDESIGN? OR BESPOKE?) (5N) (HEURISTIC? OR STRATEG? OR P- LAN OR PLANS OR OPTION? OR RULE OR RULES OR RULETABLE? OR RUL- ESTABLE? OR RULEENGINE? OR RULESENGINE? OR RULEBASE? OR RULES- BASE? OR RULESET? OR GROUNDRULE? OR PROTOCOL? OR POLICY? OR P- OLICIES OR PREDICATE? ?)
S9	251862	GENETIC(3N) (PROGRAM? OR ALGORITHM?)
S10	221340	MORE(1W) (COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUT? OR CONVOLUT?)
S11	3023	S6(50N) (S7 OR S10)
S12	33	S11 AND S2
S13	147	S11 AND S4:S5
S14	268	S11 AND S8:S9
S15	33	S13:S14 AND S1
S16	54	S12 OR S15
S17	27	S16 NOT S16/2005:2011
S18	16	RD (unique items)
S19	3284	(S7 OR S10) (50N)S5
S20	118	S19 AND S2
S21	74	S20 AND S4

S22 16 S20 AND S8:S9
 S23 12 S20:S22 AND S6
 S24 10 S23 NOT S16
 S25 3 S24 NOT S24/2005:2011
 S26 3 RD (unique items)
 File 696:DIALOG Telecom. Newsletters 1995-2011/Feb 22
 (c) 2011 Dialog
 File 9:Business & Industry (R) Jul/1994-2011/Feb 22
 (c) 2011 Gale/Cengage
 File 15:ABI/Inform (R) 1971-2011/Feb 22
 (c) 2011 ProQuest Info&Learning
 File 484:Periodical Abs Plustext 1986-2011/Feb 22
 (c) 2011 ProQuest
 File 635:Business Dateline (R) 1985-2011/Feb 23
 (c) 2011 ProQuest Info&Learning
 File 369:NEW SCIENTIST 1994-2010/JAN W5
 (c) 2010 REED BUSINESS INFORMATION LTD.
 File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS
 File 16:Gale Group PRGMR (R) 1990-2011/Feb 21
 (c) 2011 Gale/Cengage
 File 148:Gale Group Trade & Industry DB 1976-2011/Feb 23
 (c) 2011 Gale/Cengage
 File 160:Gale Group PRGMR (R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2011/Jan 03
 (c) 2011 Gale/Cengage
 File 621:Gale Group New Prod.Annou. (R) 1985-2011/Dec 23
 (c) 2011 Gale/Cengage
 File 624:McGraw-Hill Publications 1985-2011/Feb 22
 (c) 2011 McGraw-Hill Co. Inc
 File 636:Gale Group Newsletter DB(TM) 1987-2011/Feb 23
 (c) 2011 Gale/Cengage
 File 647:UEM Computer Fulltext 1988-2011/Feb W3
 (c) 2011 UEM, LLC
 File 674:Computer News Fulltext 1989-2006/Sep W1
 (c) 2006 IDG Communications

Set	Items	Description
S1	681030	CCMPIL???
S2	32568	S1(5N)(OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT- IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR U- PGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CU- STOMI? OR CUSTOMDESIGN? OR BESPOKE?)
S3	2634197	CODE OR CODES OR CODING OR PROGRAMCOD? OR SOURCECOD? OR MI- CROCOD? OR CODEBASE? OR CODESTRING? OR OPCODE? OR BYTECOD?
S4	256337	S3(5N)(GENERAT? OR CREAT??? OR PRODUCE? ? OR PRODUCING OR - PRODUCTION OR DERIV? OR SPAWN? OR OUTPUT? OR PROPAGAT? OR DEV- ELOP?)
S5	125465	S3(5N)(OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPT- IM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFICAC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR U- PGRAD? OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CU- STOMI? OR CUSTOMDESIGN? OR BESPOKE?)
S6	876963	BENCHMARK? OR BENCH() (MARK OR MARKS OR MARKED OR MARKING? - ?) OR (TEST OR TESTS OR TESTED OR TESTING) (2W) SEQUENCE? OR TR- AIN??? (2N) (SET OR SETS OR SEQUENCE? ?)
S7	489348	(COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUE? OR CONV- OLUT?) (5N) (ORDER??? OR ORGANI? OR SEQUENTIAL? OR INCREAS? OR - INCREMENT? OR ELEVAT? OR ESCALAT? OR HIGHER OR GREATER OR SUPER- IOR? OR RAIS??? OR RISE? ? OR RISING OR ASCENS? OR ASCEND? - OR GROW??? OR HIERARCH? OR LEVEL? ? OR LAYER? ? OR STRATA OR - STRATUM? OR TIER? ? OR ECHELON? OR MULTILEVEL? OR MULTILAYER? OR MULTISTRAT? OR MULTITIER? OR MULTIECHELON?)
S8	2236248	(OPTIMIZ? OR OPTIMIS? OR OPTIMAL OR OPTIMUM OR REOPTIM? OR BEST OR BETTER? OR IMPROV? OR REIMPROV? OR EFFICIEN? OR EFFIC-

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AC? OR MAXIMI? OR REFIN??? OR ENHANC? OR REENHANC? OR UPGRAD?
OR UP()GRAD??? OR BOOST??? OR TUNE OR TUNES OR TUNED OR TUNING
OR RETUN??? OR FINETUN? OR SPECIALI? OR TAILOR? OR CUSTOMI? -
OR CUSTOMDESIGN? OR BESPOKE?) (5N) (HEURISTIC? OR STRATEG? OR P-
LAN OR PLANS OR OPTION? OR RULE OR RULES OR RULETABLE? OR RUL-
ESTABLE? OR RULEENGINE? OR RULESENGINE? OR RULEBASE? OR RULES-
BASE? OR RULESET? OR GROUNDRULE? OR PROTOCOL? OR POLICY? OR P-
OLICIES OR PREDICATE? ?)
S9      12545  GENETIC(3N) (PROGRAM? OR ALGORITHM?)
S10     459945  MORE(1W) (COMPLEX? OR INTRICA? OR COMPLICATE? ? OR INVOLUT?
OR CONVOLUT?)
S11     4244   S6(50N) (S7 OR S10)
S12      41   S11(100N)S2
S13     287   S11(100N) (S4:S5 OR S8:S9)
S14      26   S13(100N)S1
S15     1259   (S7 OR S10) (50N)S5
S16      102   S15(100N)S2
S17       53   S16(100N) (S4 OR S8:S9)
S18        2   S16:S17(100N)S6
S19       57   S12 OR S14 OR S18
S20       48   S19 NOT S19/2005:2011
S21       29   RD (unique items)

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